

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number  
**WO 2005/006865 A1**

(51) International Patent Classification<sup>7</sup>: **A01N 65/00,**  
**A61K 35/78**

(21) International Application Number:  
**PCT/US2004/021950**

(22) International Filing Date: **8 July 2004 (08.07.2004)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:  
**10/618,354 11 July 2003 (11.07.2003) US**

(71) Applicant: **MCDONALD, Robert [US/US]; 6922 Sun-**  
**belt Drive East, San Antonio, TX 78218 (US).**

(74) Agent: **HENRY, Davud, G.; 418 Riverview Drive, Wood-**  
**way, TX 76712 (US).**

(81) Designated States (*unless otherwise indicated, for every*  
*kind of national protection available*): **AE, AG, AL, AM,**  
**AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,**

**CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,**  
**GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,**  
**KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,**  
**MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,**  
**PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,**  
**TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,**  
**ZW.**

(84) Designated States (*unless otherwise indicated, for every*  
*kind of regional protection available*): **ARIPO (BW, GH,**  
**GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,**  
**ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),**  
**European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,**  
**FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,**  
**SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,**  
**GW, ML, MR, NE, SN, TD, TG).**

**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the*  
*claims and to be republished in the event of receipt of*  
*amendments*

*For two-letter codes and other abbreviations, refer to the "Guid-*  
*ance Notes on Codes and Abbreviations" appearing at the begin-*  
*ning of each regular issue of the PCT Gazette.*

(54) Title: **METHOD OF PREVENTING FUNGAL GROWTH IN PLANTS**

(57) Abstract: A natural, garlic extract-based fungicide and associated method of use which, as an alternative to conventional use of synthetic chemical fungicides, provides effective prevention and eradication of fungal infestation by a wide spectrum of fungal species.



**WO 2005/006865 A1**